

FIG. 1

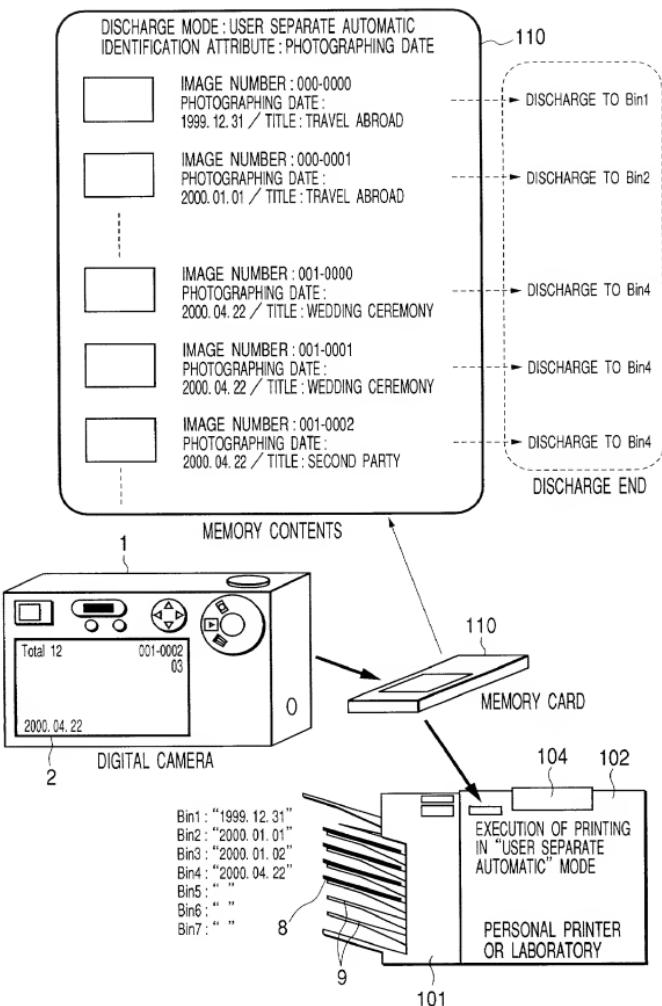


FIG. 2

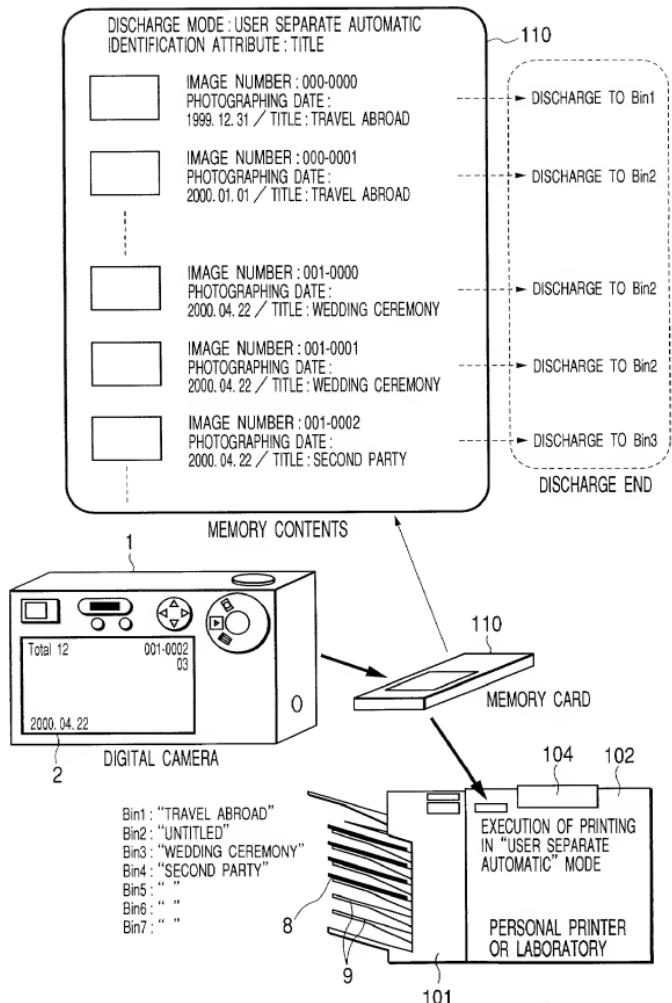
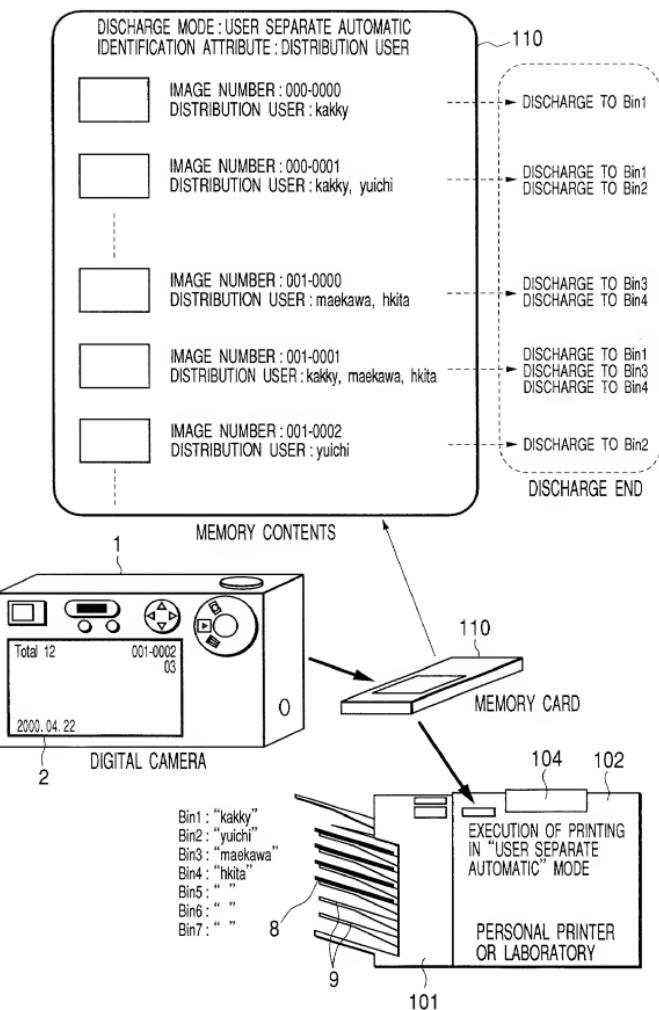
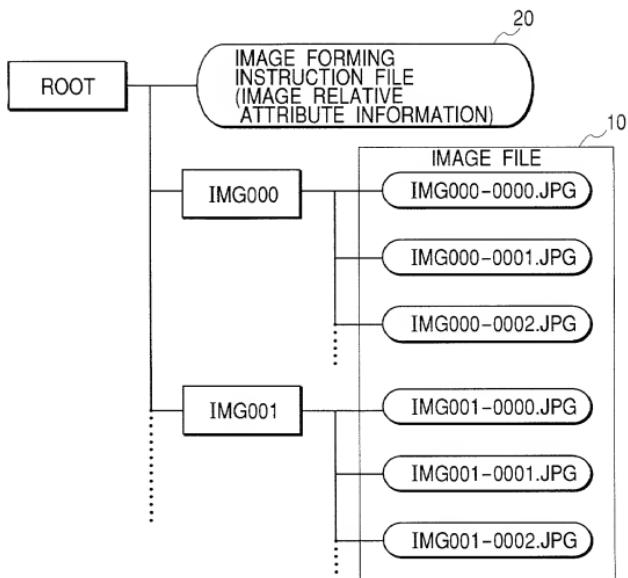


FIG. 3



*FIG. 4*

T602Z01-36550000

**FIG. 5****IMAGE FORMING  
INSTRUCTION FILE****[IMAGE COMMON INFORMATION]**

- VERSION OF IMAGE FORMING INSTRUCTION FILE
- NAME OF MODEL WHICH SAVED IMAGE FORMING DESIGNATION FILE
- DATE AND TIME WHEN IMAGE FORMING INSTRUCTION FILE WAS SAVED
- USER INFORMATION (USER NAME, ADDRESS, TELEPHONE NO. OR THE LIKE)
- PRINTING OUTPUT SYSTEM (GRAPHIC MODE, COLOR MODE, DISCHARGE MODE, OR THE LIKE)
- IDENTIFICATION ATTRIBUTE BY USER SEPARATE AUTOMATIC MODE (SORT ATTRIBUTE)

20

21

**[IMAGE INHERENT INFORMATION]**

- PRODUCT ID
- PRINTING TYPE
- THE NUMBER OF PRINTING SHEETS
- FORMAT FORM OF IMAGE FILE
- RELATIVE PASS OF IMAGE FILE
- IMAGE ATTACHED INFORMATION (DATE, FRAME NUMBER, TITLE, TRIMMING INFORMATION, ROTATIONAL INFORMATION OR THE LIKE)

22

**[IMAGE INHERENT INFORMATION]**

23

- PRODUCT ID
- PRINTING TYPE
- THE NUMBER OF PRINTING SHEETS
- FORMAT FORM OF IMAGE FILE
- RELATIVE PASS OF IMAGE FILE
- IMAGE ATTACHED INFORMATION (DATE, FRAME NUMBER, TITLE, TRIMMING INFORMATION, ROTATIONAL INFORMATION OR THE LIKE)

22

...

23

**[IMAGE INHERENT INFORMATION]**

- PRODUCT ID
- PRINTING TYPE
- THE NUMBER OF PRINTING SHEETS
- FORMAT FORM OF IMAGE FILE
- RELATIVE PASS OF IMAGE FILE
- IMAGE ATTACHED INFORMATION (DATE, FRAME NUMBER, TITLE, TRIMMING INFORMATION, ROTATIONAL INFORMATION OR THE LIKE)

22

23

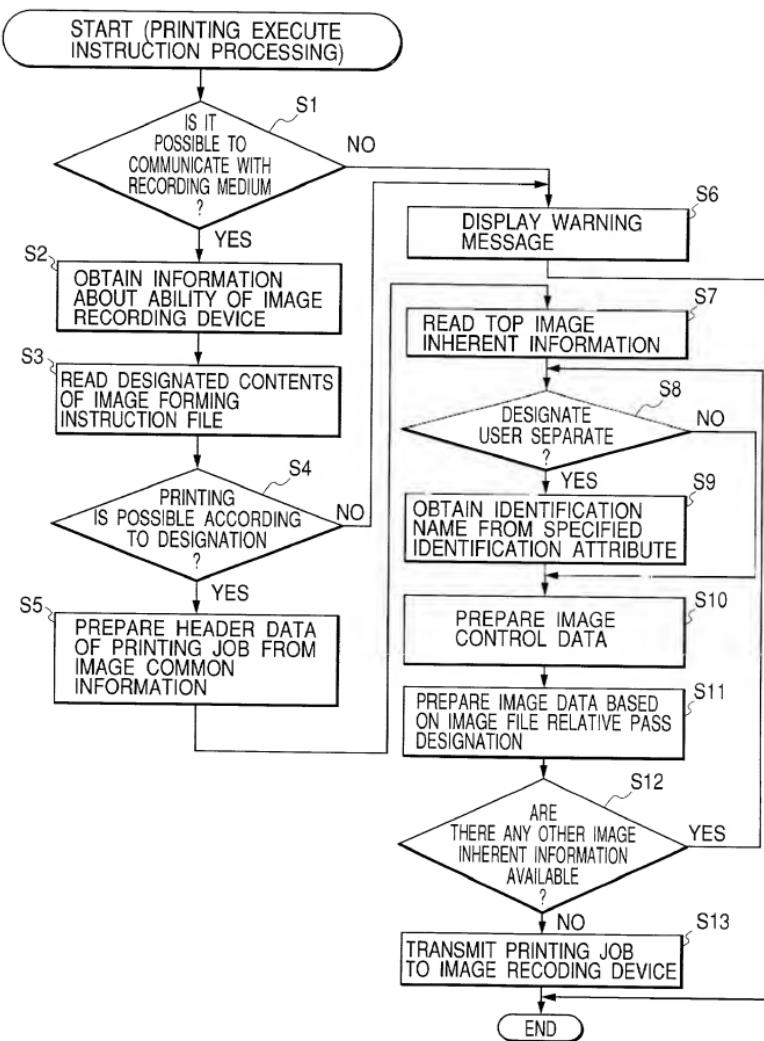
FIG. 6

## PRINTING DESIGNATION IMAGE ON IMAGE RECORDING DEVICE

104

PRINTING MEMORY CARD																					
IMAGE DESIGNATION : INDEX+ALL IMAGES																					
<hr/>																					
MEDIA :	SORT METHOD :																				
<table border="1"><tr><td>PLAIN PAPER</td><td>▲</td></tr><tr><td>POSTCARD</td><td></td></tr><tr><td>PHOTOGRAPH</td><td>▼</td></tr><tr><td>GLOSSY PAPER</td><td></td></tr><tr><td>OHP SHEET</td><td></td></tr></table>	PLAIN PAPER	▲	POSTCARD		PHOTOGRAPH	▼	GLOSSY PAPER		OHP SHEET		<table border="1"><tr><td>OWNER</td><td>▲</td></tr><tr><td>DATE</td><td>▼</td></tr><tr><td>TITLE</td><td></td></tr><tr><td>DISTRIBUTION USER</td><td></td></tr><tr><td>DIRECTORY</td><td></td></tr></table>	OWNER	▲	DATE	▼	TITLE		DISTRIBUTION USER		DIRECTORY	
PLAIN PAPER	▲																				
POSTCARD																					
PHOTOGRAPH	▼																				
GLOSSY PAPER																					
OHP SHEET																					
OWNER	▲																				
DATE	▼																				
TITLE																					
DISTRIBUTION USER																					
DIRECTORY																					
<hr/>																					
IS IT OK TO START PRINTING IN THE ABOVE SETTING ?																					
<table border="1"><tr><td>OK</td></tr><tr><td>CANCEL</td></tr></table>		OK	CANCEL																		
OK																					
CANCEL																					

FIG. 7



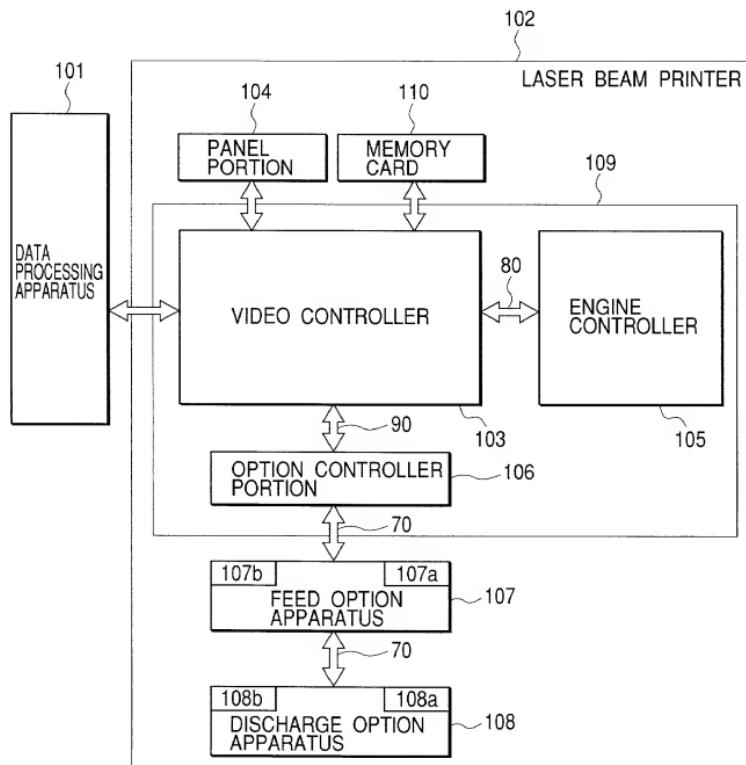
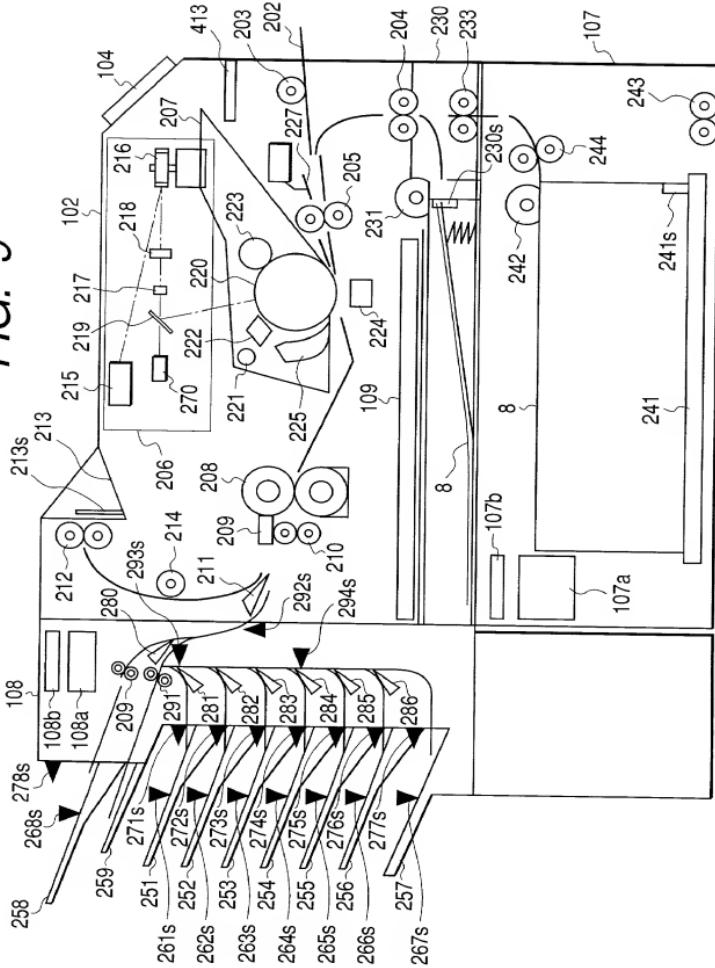
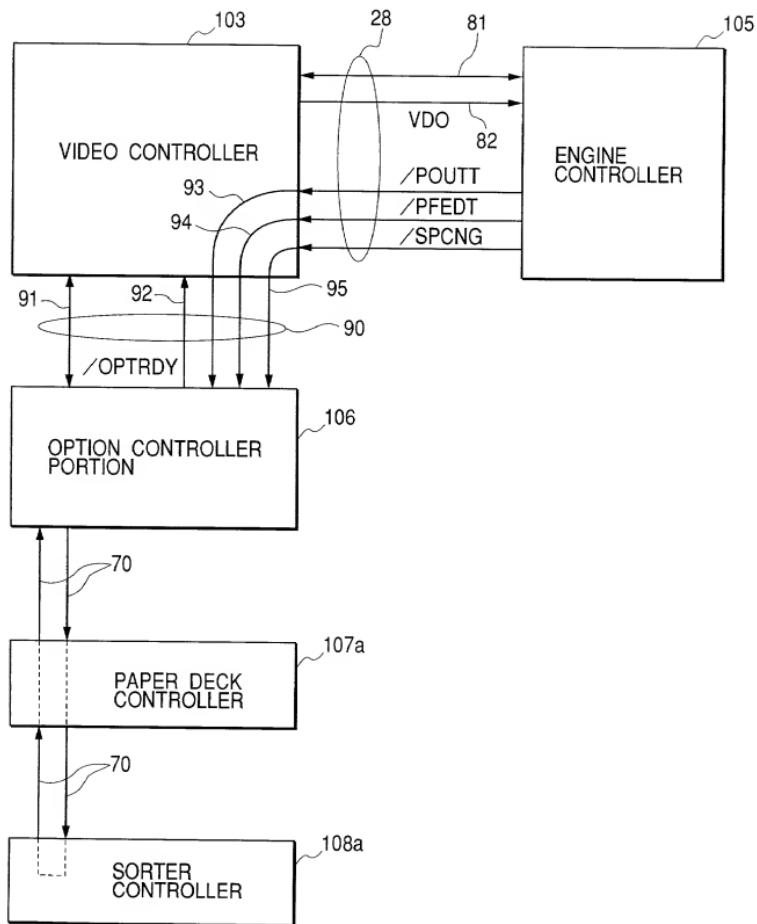
*FIG. 8*

FIG. 9



**FIG. 10**

**FIG. 11**

VC . . . VIDEO CONTROLLER

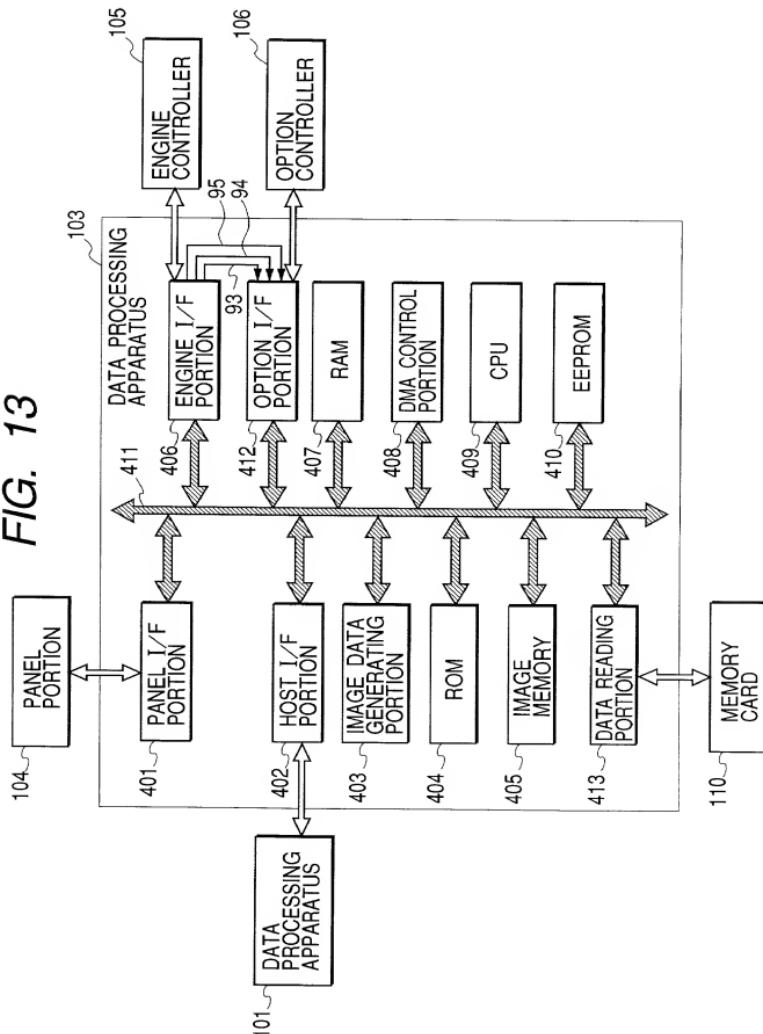
EC . . . ENGINE CONTROLLER

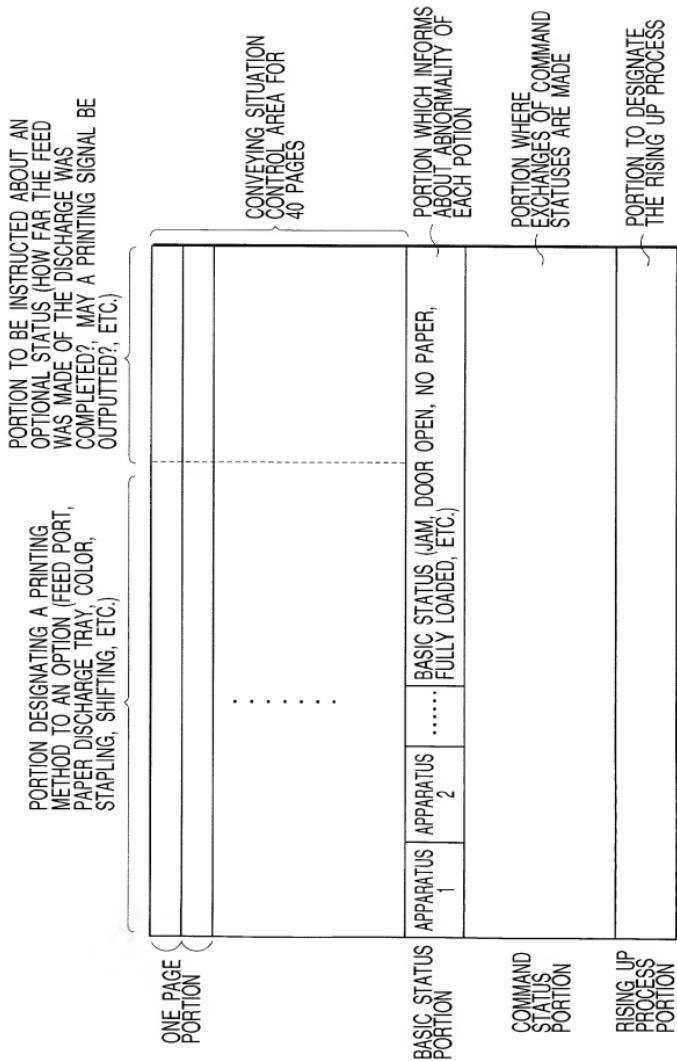
SIGNAL NAME	DIRECTION	CONTENTS
/CPRDY	VC → EC	A SIGNAL SHOWING THAT A VIDEO CONTROLLER 103 IS IN A STATUS CAPABLE OF COMMUNICATING WITH AN ENGINE CONTROLLER 105
/PPRDY	VC ← EC	A SIGNAL SHOWING THAT THE ENGINE CONTROLLER 105 IS IN A STAND-BY STATUS CAPABLE OF COMMUNICATING WITH THE VIDEO CONTROLLER 103
/RDY	VC → EC	A SIGNAL SHOWING THAT THE ENGINE CONTROLLER 105 IS IN A STAND-BY STATUS CAPABLE OF PRINTING
/PRNT	VC → EC	A SIGNAL FOR THE VIDEO CONTROLLER 103 TO MAKE A REQUEST FOR A PRINTING TO THE ENGINE CONTROLLER 105
/VSREQ	VC ← EC	A SIGNAL FOR THE ENGINE CONTROLLER 105 TO MAKE A REQUEST FOR A VERTICAL SYNCHRONIZING SIGNAL TO THE VIDEO CONTROLLER 103
/VSYNC	VC → EC	THE VERTICAL SYNCHRONIZING SIGNAL WHICH THE VIDEO CONTROLLER 103 OUTPUTS TO THE ENGINE CONTROLLER 105
/BD	VC ← EC	THE HORIZONTAL SYNCHRONIZING SIGNAL WHICH THE ENGINE CONTROLLER 105 OUTPUTS TO THE VIDEO CONTROLLER 103
/CCRT	VC ← EC	A SIGNAL NOTIFYING TO THE VIDEO CONTROLLER 103 OF A STATUS CHANGE WHEN THE CONTENT OF A STATUS NOT RELATING DIRECTLY TO A RDY SIGNAL HAS CHANGED AND BECOMES "TRUE"
/SCLK	VC → EC	A SYNCHRONIZING CLOCK SIGNAL FOR A SERIAL COMMUNICATION
/CMD	VC → EC	A COMMAND SIGNAL BY WHICH THE VIDEO CONTROLLER 103 INSTRUCTS THE ENGINE CONTROLLER 105
/CBSY	VC → EC	A STROBE SIGNAL FOR OUTPUTTING A COMMAND
/STS	VC ← EC	A SIGNAL SHOWING A STATUS INSIDE THE ENGINE WHICH IS OUTPUTTED TO A COMMAND FROM THE VIDEO CONTROLLER 103
/SBSY	VC ← EC	A SIGNAL FOR A STATUS OUTPUT

**FIG. 12**

SIGNAL NAME	DIRECTION	CONTENTS
SERIAL COMMUNICATION I/F	VC → OC	I/F WHICH PERFORMS A FEED DESIGNATION TO A FEED OPTION, A DISCHARGE DESIGNATION TO A DISCHARGE OPTION, A COMMAND DESIGNATION OR THE LIKE THROUGH A COMMON MEMORY
/OPTRDY	VC ← OC	SHOWS A READY STATUS FOR A FUNCTION WITH WHICH A DESIGNATION OPTION APPARATUS IS PROVIDED
/POUTT	EC → OC	A TIMING SIGNAL BY WHICH A PRINTER MAIN BODY DISCHARGES A RECORDING PAPER
/PFEDT	EC → OC	A TIMING SIGNAL BY WHICH THE PRINTER MAIN BODY RECEIVES A RECORDING PAPER FROM AN OPTION UNIT
/SPCNG	EC → OC	A SIGNAL FOR SLOWING DOWN A SPEED OF THE RECORDING PAPER CONVEYED AT HIGH SPEED INSIDE THE POTION APPARATUS AND ADJUSTING IT TO THE CONVEYING SPEED OF THE PRINTER MAIN BODY

FIG. 13



**FIG. 14**

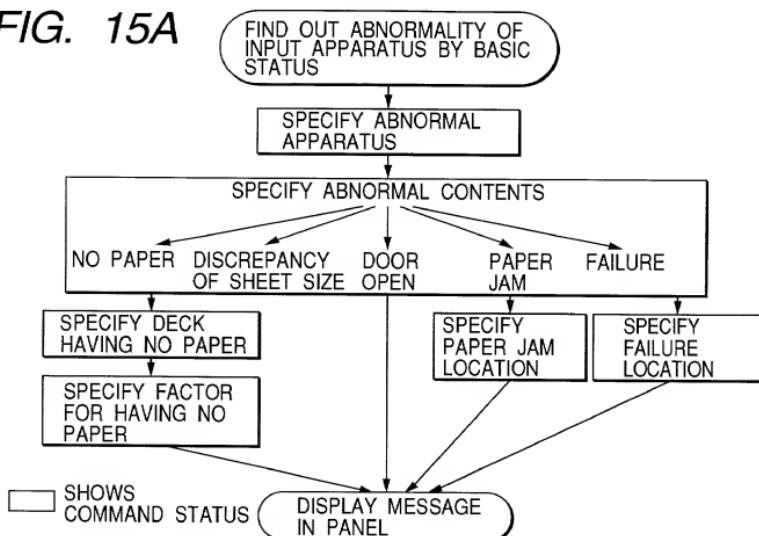
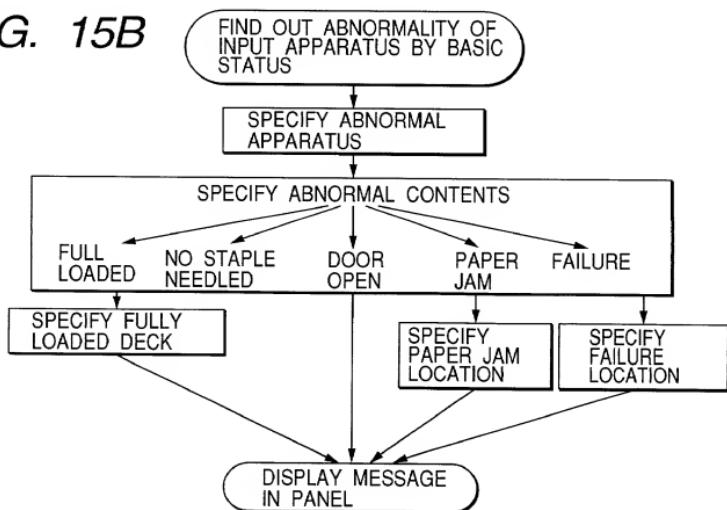
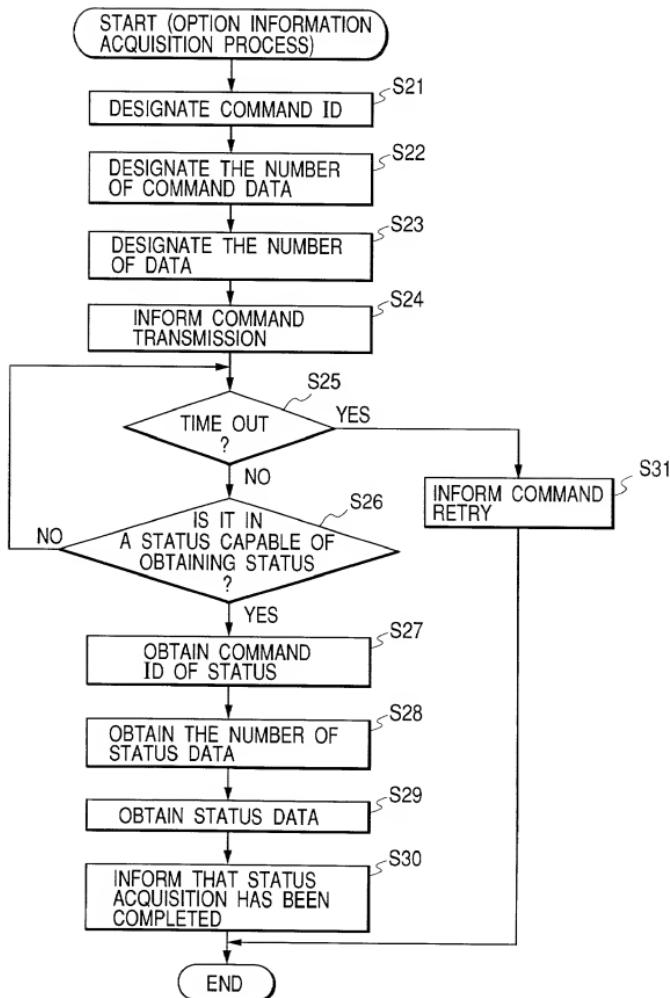
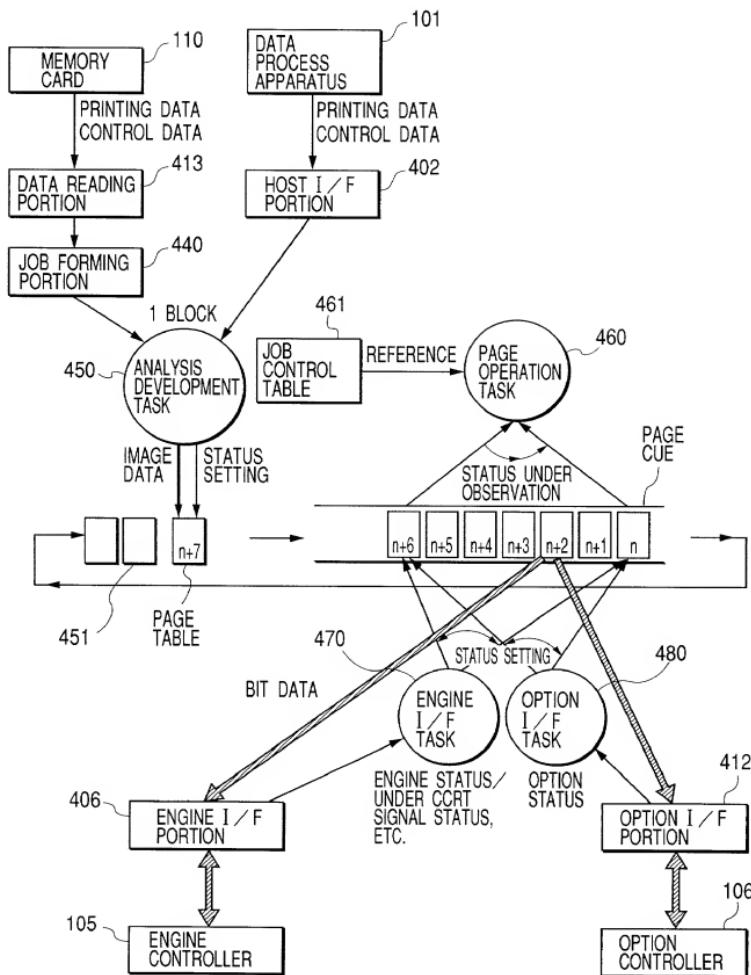
**FIG. 15A****FIG. 15B**

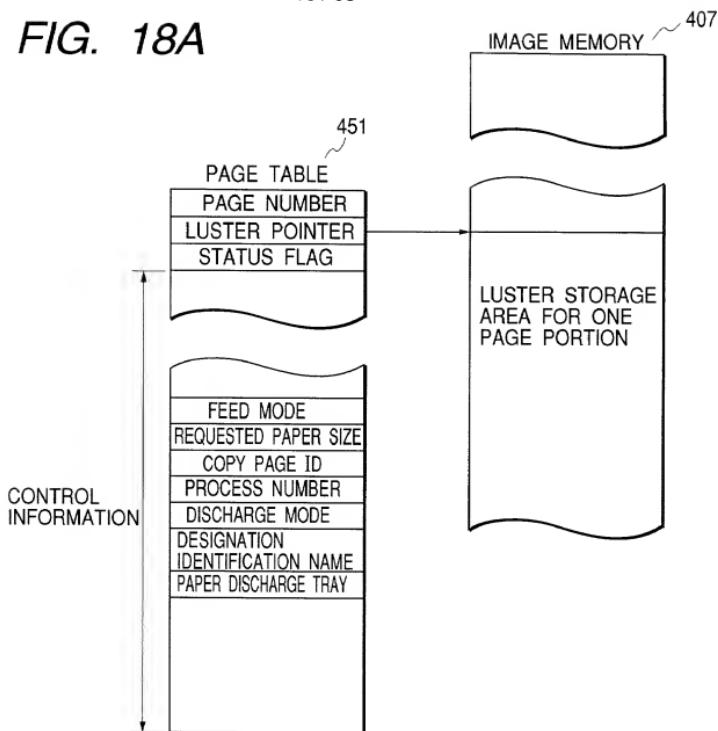
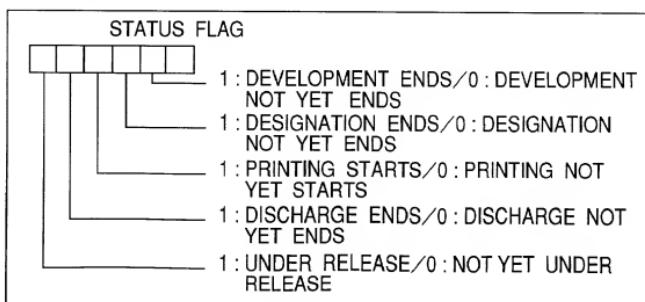
FIG. 16

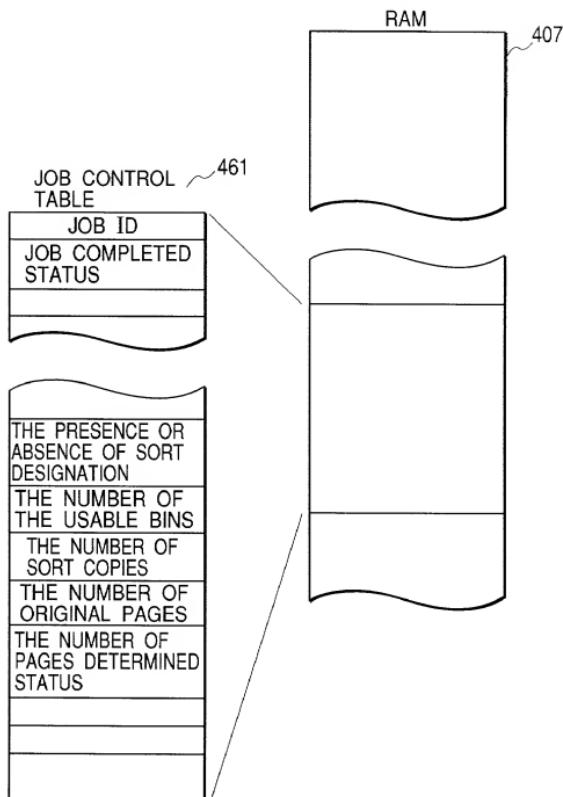


TOP SECRET//SI 35360660

FIG. 17



**FIG. 18A****FIG. 18B**

*FIG. 19*

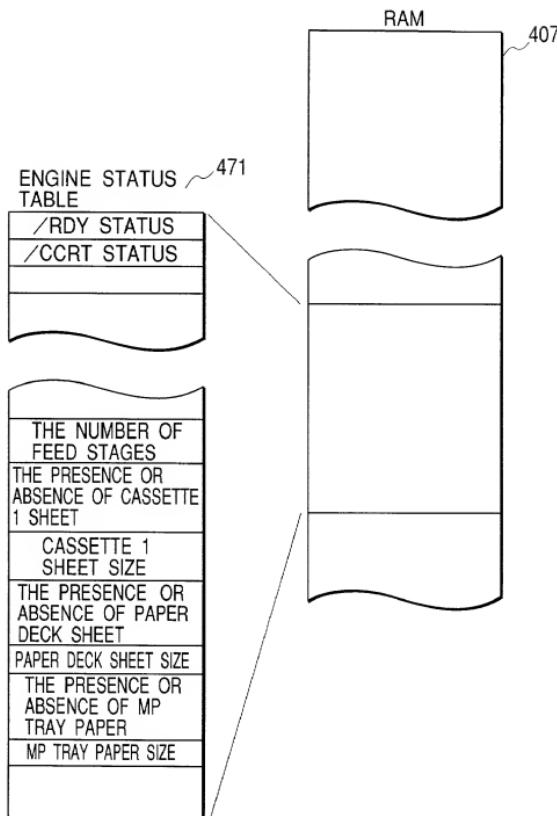
*FIG. 20*

FIG. 21

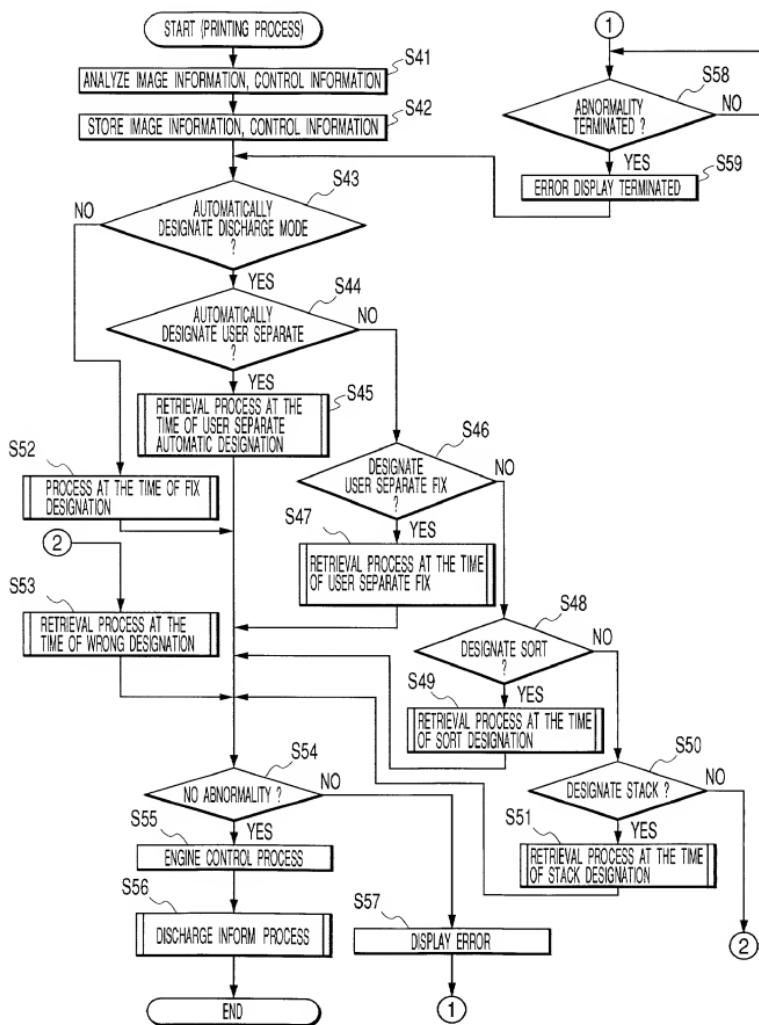


FIG. 22

YODER2001-363283660

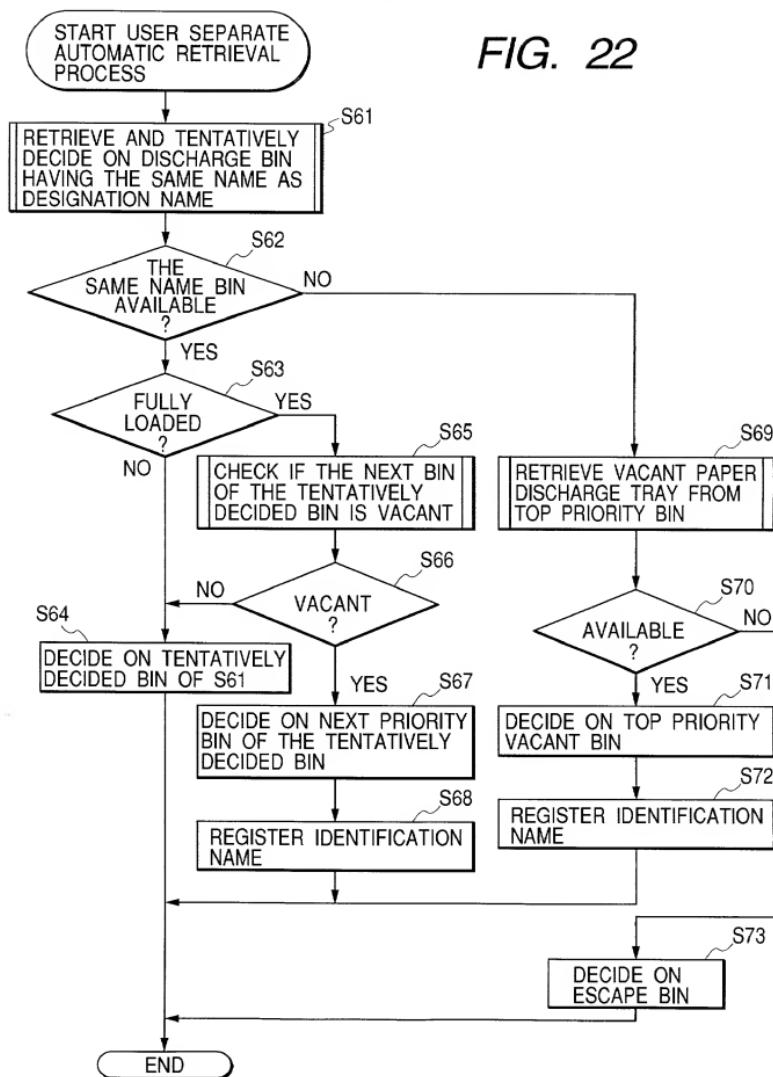
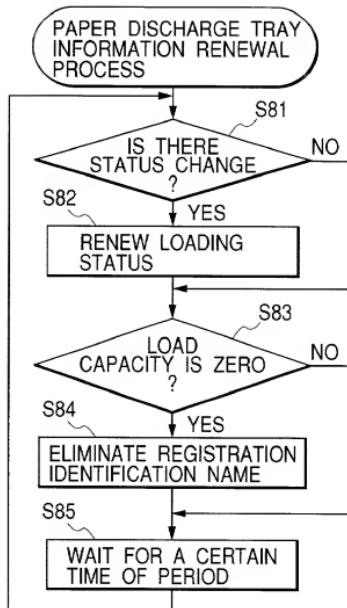


FIG. 23



TOKU2401-36360660

FIG. 24

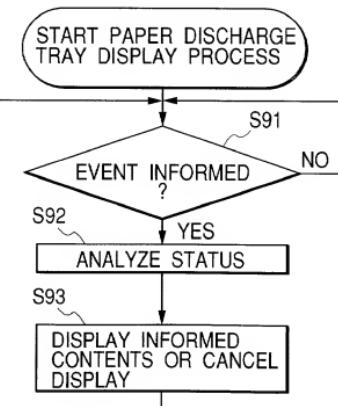


FIG. 25

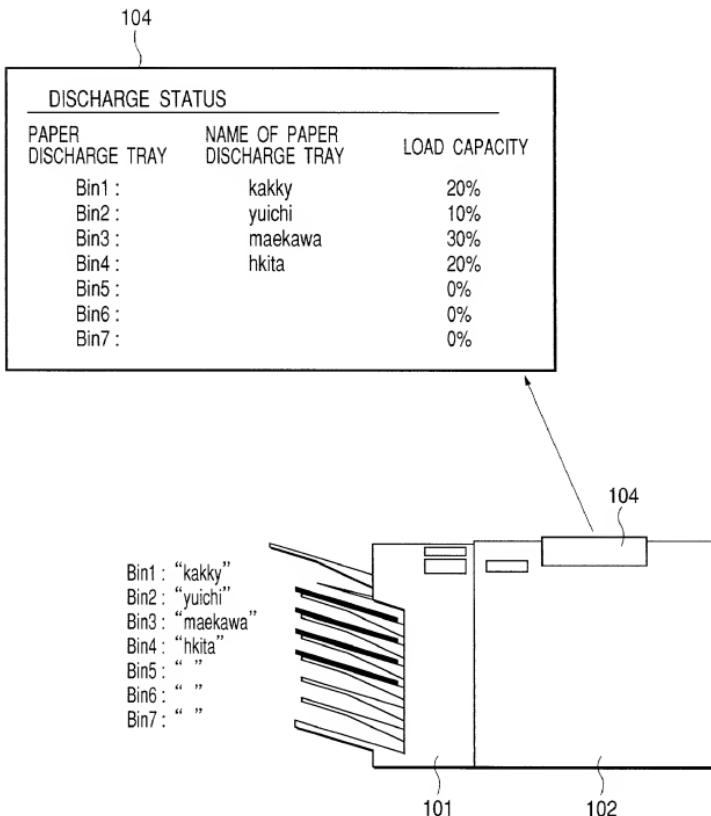
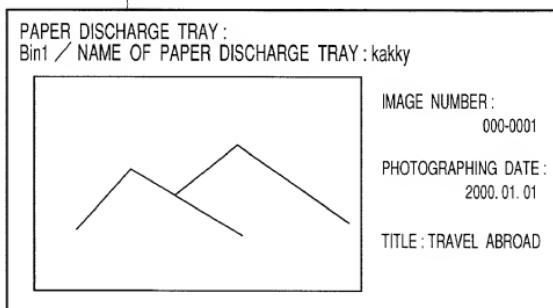


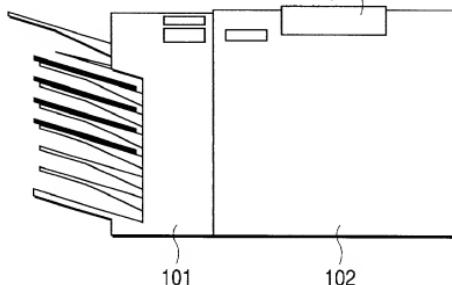
FIG. 26

104



104

Bin1 : "kakky"  
 Bin2 : "yuichi"  
 Bin3 : "maekawa"  
 Bin4 : "hkita"  
 Bin5 : " "  
 Bin6 : " "  
 Bin7 : " "



00000000000000000000000000000000

FIG. 27

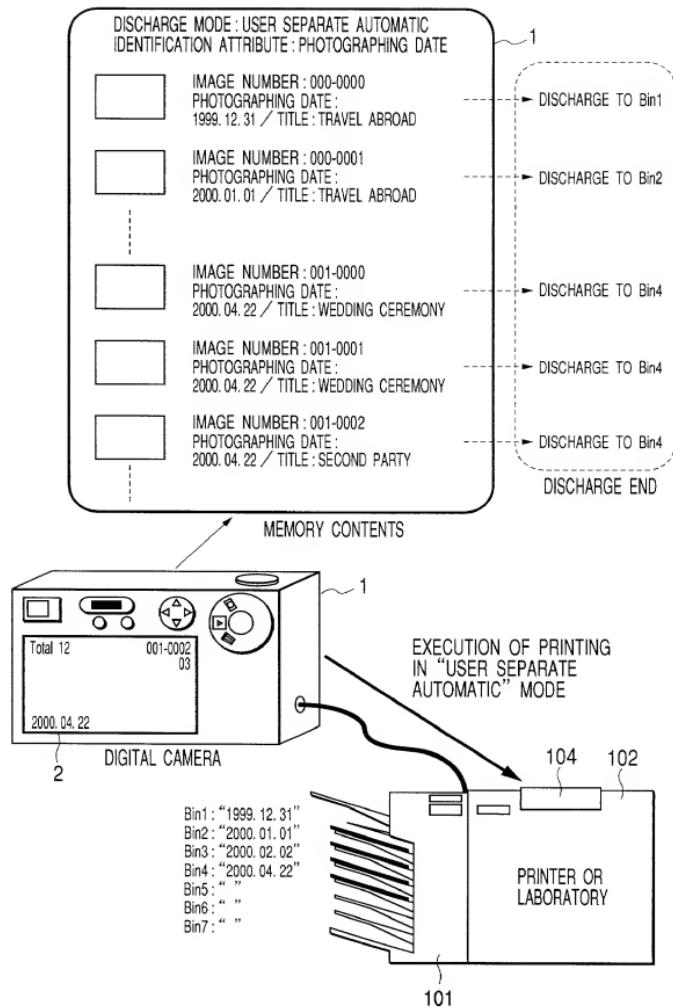


FIG. 28

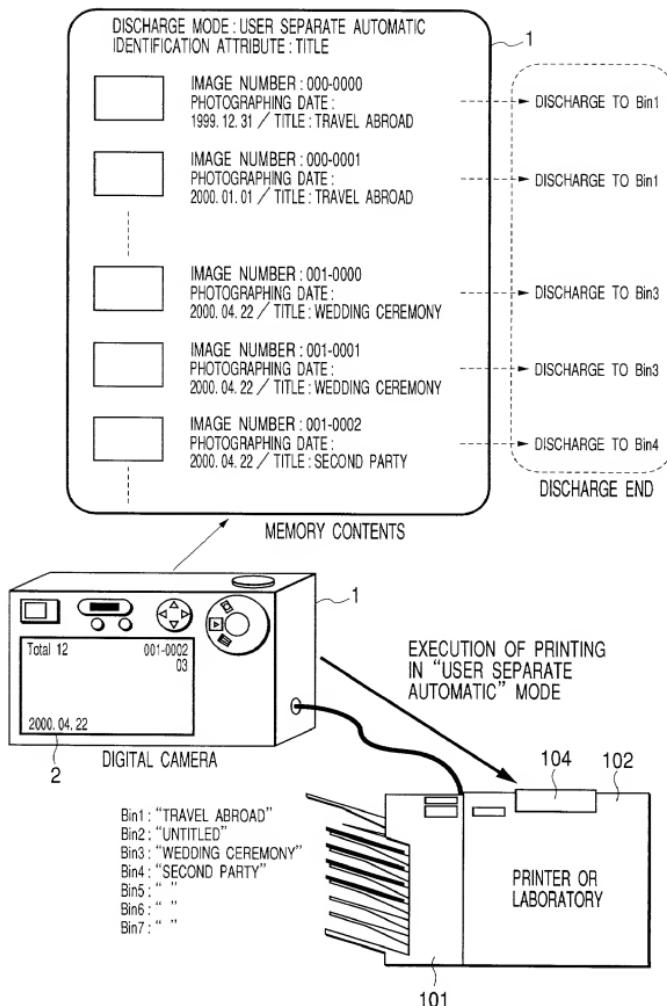
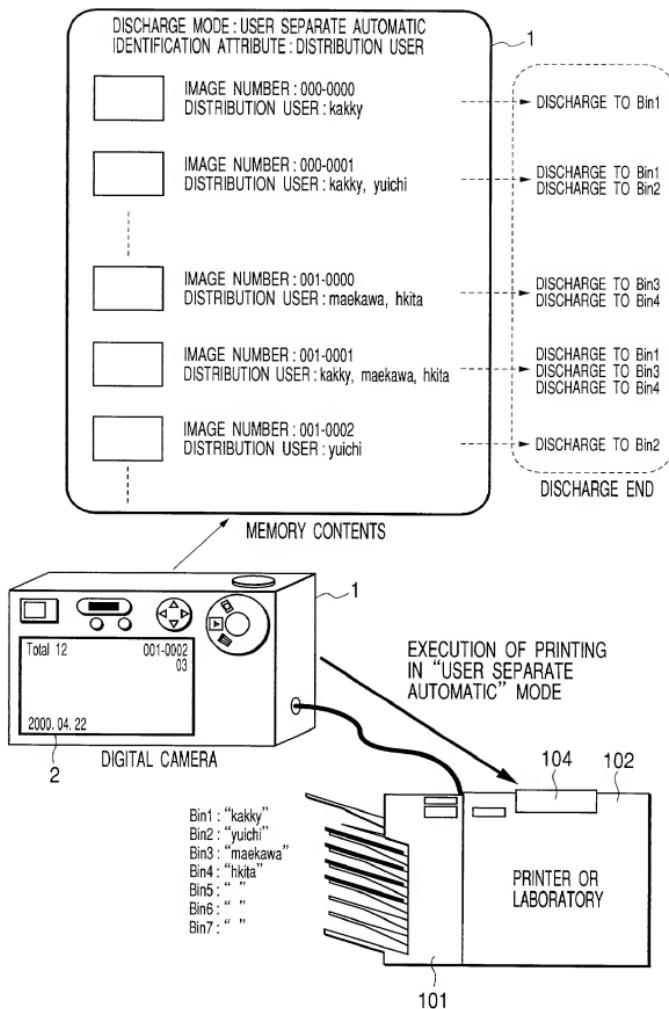
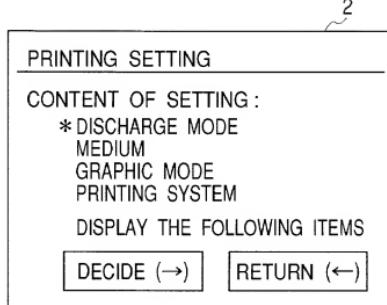
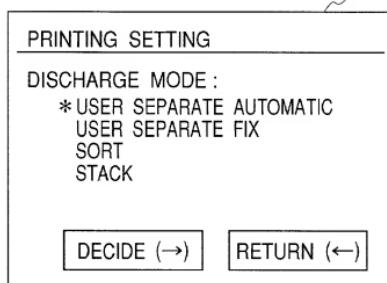
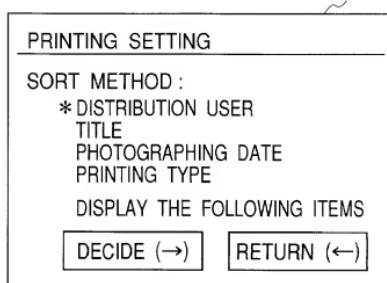


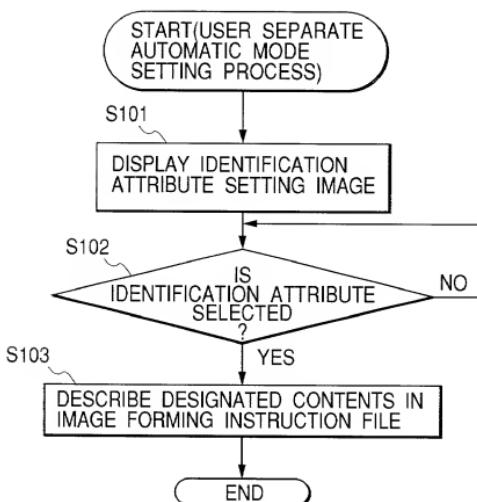
FIG. 29



*FIG. 30A*

099082825, 07001

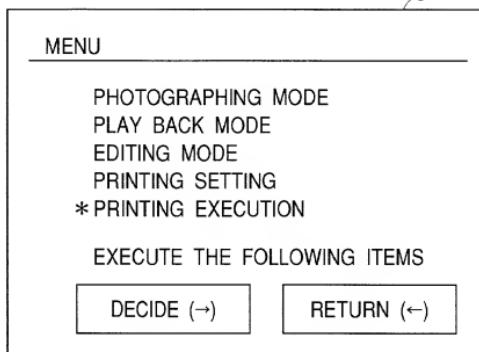
*FIG. 30B**FIG. 30C*

*FIG. 31*

09208595 03200A

*FIG. 32A*

*2*



YUOOG200-36388660

*FIG. 32B*

*2*

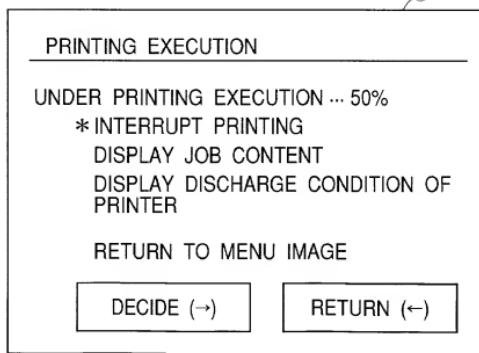


FIG. 33

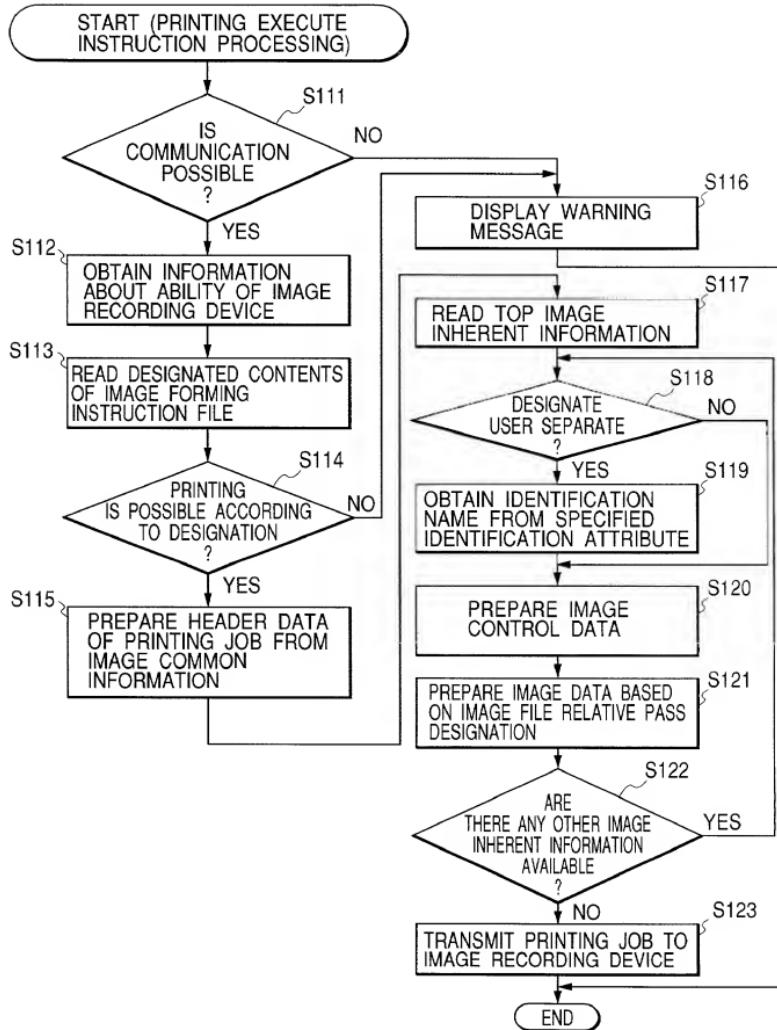
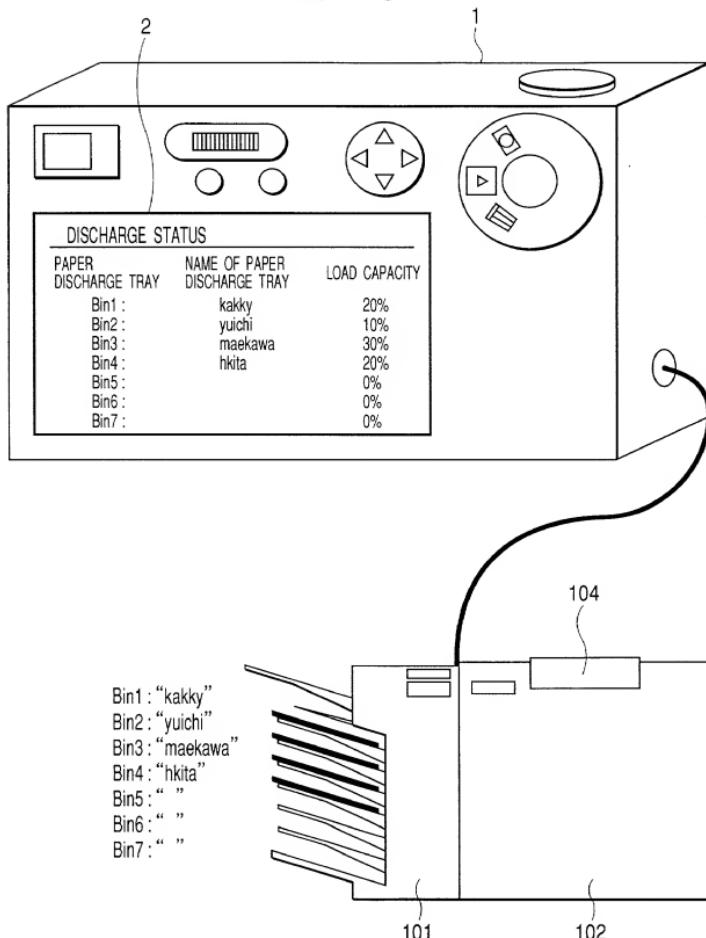
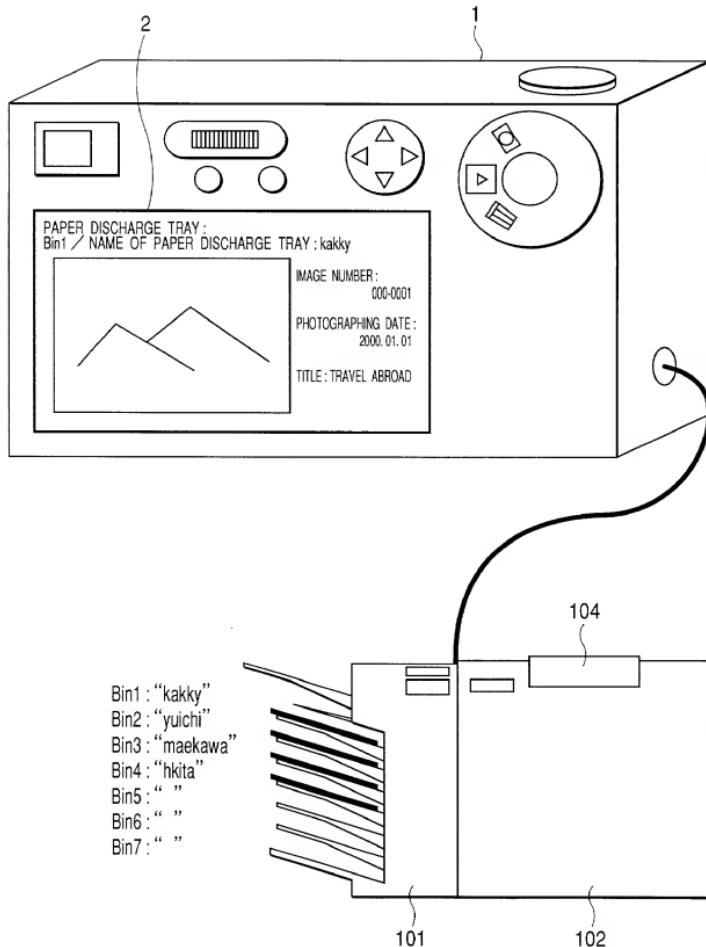


FIG. 34



09500200-00000000-0000-0000-0000

FIG. 35



4702270 "36580660

FIG. 36

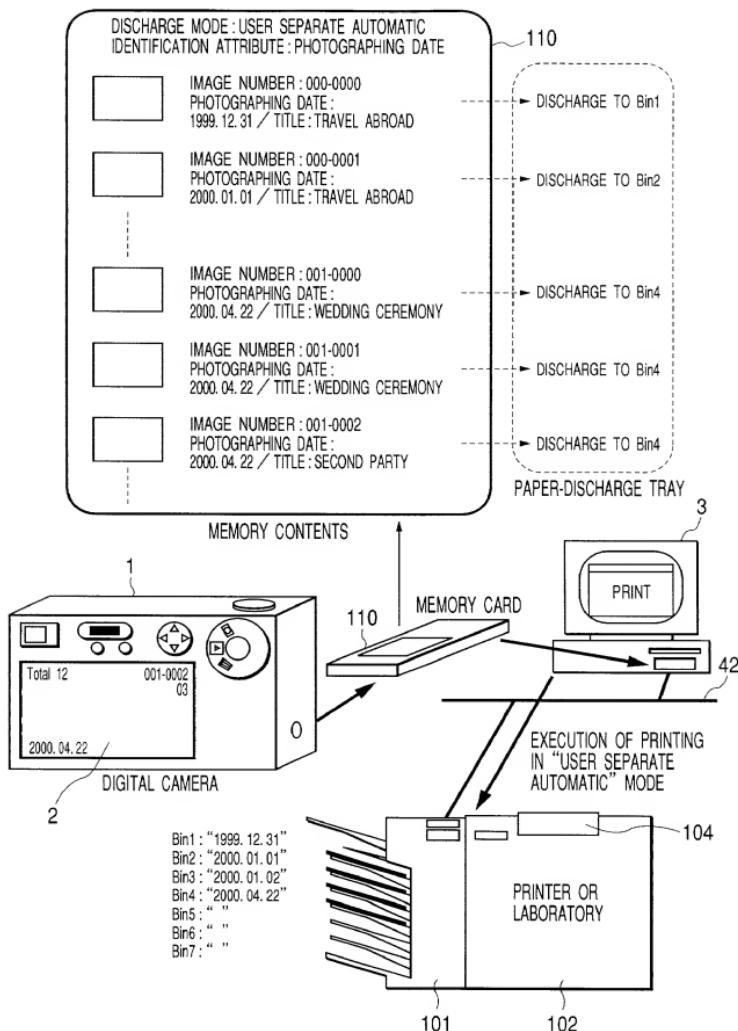
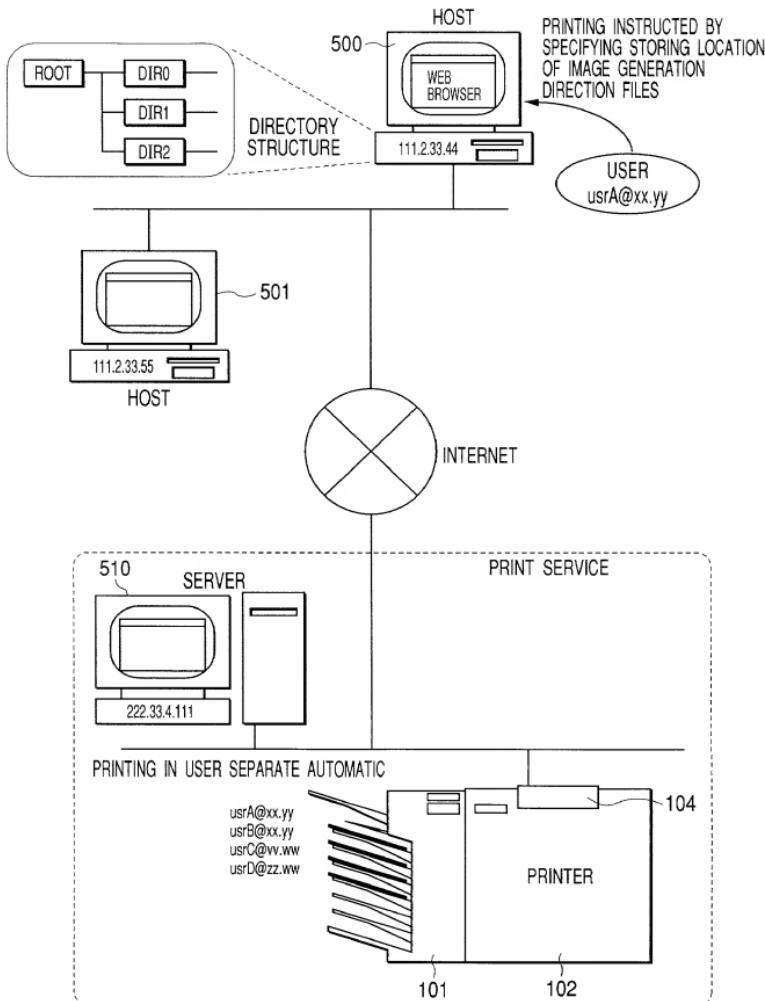
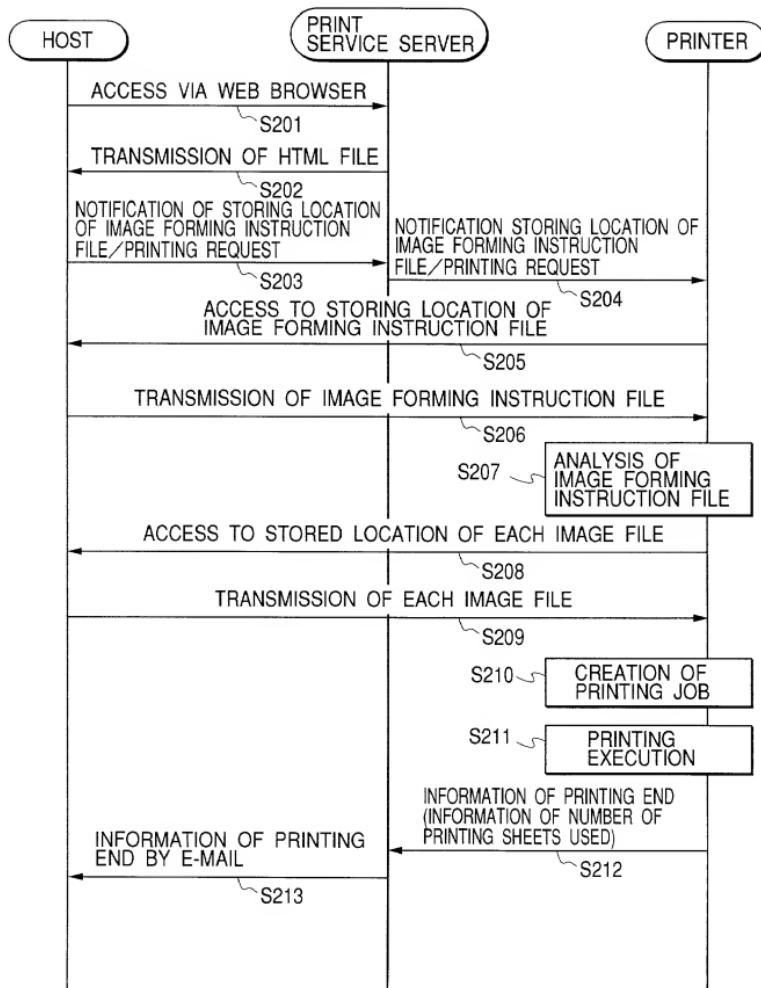


FIG. 37



**FIG. 38**

*FIG. 39*

400

FILE EDIT DISPLAY HELP

BACK NEXT STOP SEARCH

BOOKMARK LOCATION: <http://www.printservice.aa.bb/print/index.html>

REQUEST OF PRINT SERVICE

TRUSTEE SERVICE COMPANY:

PATENT PRINTING SERVICE

HOST INFORMATION (IP ADDRESS):

111.2.33.44

DIRECTORY INFORMATION:

/user/share/doc/www/print/form.dpf

EDIT OF IMAGE FORMING INSTRUCTION FILE

RECEPTION METHOD:

PERSONAL DELIVERY AT SERVICE WINDOW

SPECIFIED SERVICE WINDOW: PATENT PRINTING SERVICE SHIMOMARUKO BRANCH

HOME DELIVERY

PRINT START

PRINT RESERVATION

**FIG. 40**

401

FILE EDIT DISPLAY HELP

BACK NEXT STOP SEARCH

LOCATION : <http://www.printservice.aa.bb/form/index.html>

**EDIT OF IMAGE FORMING INSTRUCTION FILE**

STORE LOCATION OF IMAGE FORMING INSTRUCTION FILE (DIRECTORY) : [REFERENCE]

/user/share/doc/www/print/form.dpf

**SPECIFICATION OF IMAGE FILE : [REFERENCE]**

/user/share/doc/www/print/travel/000-0000.jpg  
 /user/share/doc/www/print/travel/000-0001.jpg  
 /user/share/doc/www/print/travel/000-0002.jpg  
 /user/share/doc/www/print/travel/000-0003.jpg  
 /user/share/doc/www/print/home/002-0002.jpg  
 /user/share/doc/www/print/home/002-0003.jpg  
 /user/share/doc/www/print/home/002-0005.jpg

EDIT OF IMAGE FILE      EDIT OF IMAGE ATTACHED INFORMATION

**USER INFORMATION :**

NAME : TARO SHIMOMARUKO

E-MAIL ADDRESS : taro@xx.yy

ADDRESS : 0-1-2 SHIMOMARUKO OTA-KU TOKYO

TELEPHONE NUMBER : 0120-123-456

T00243 96320660

FIG. 41

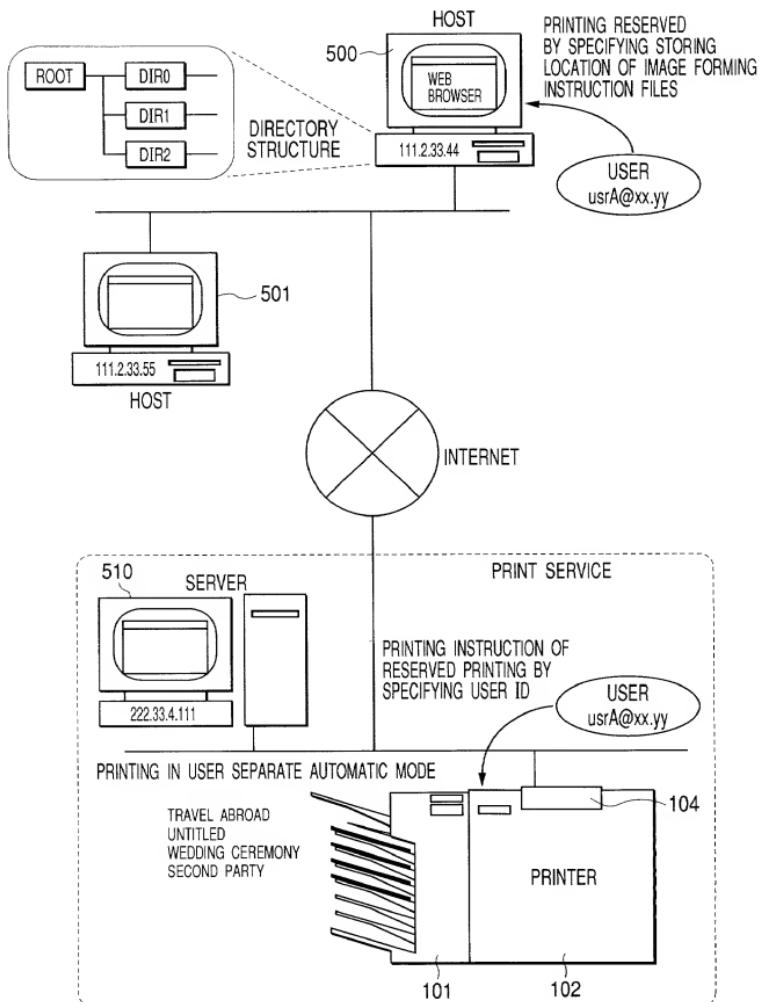


FIG. 42

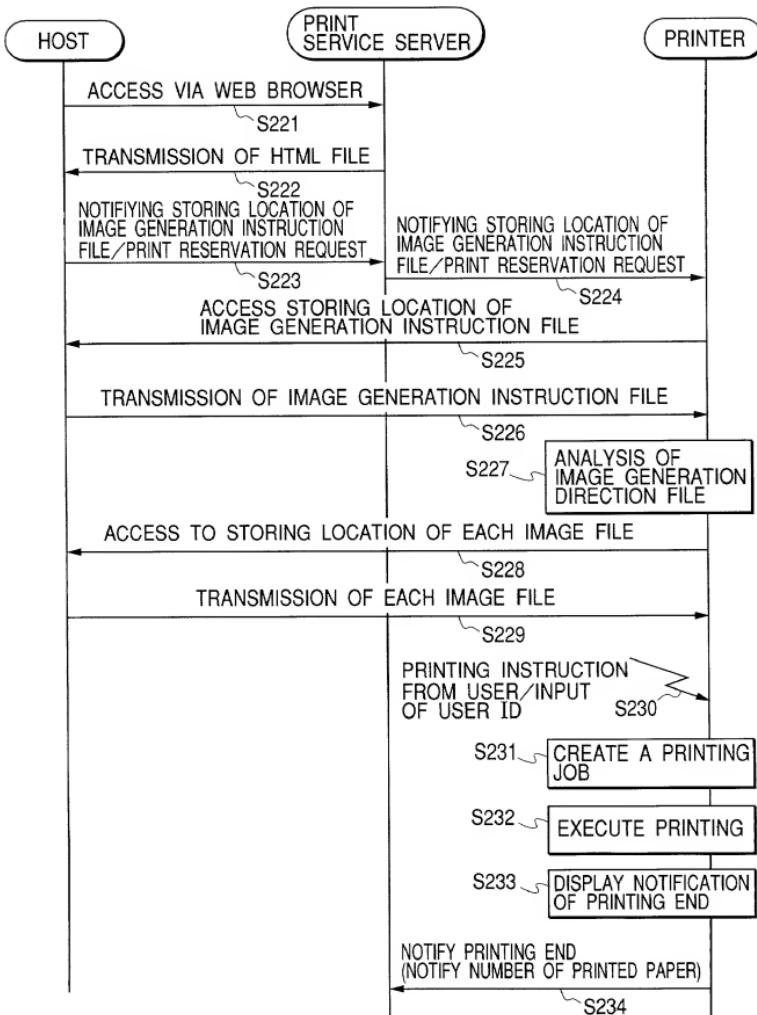
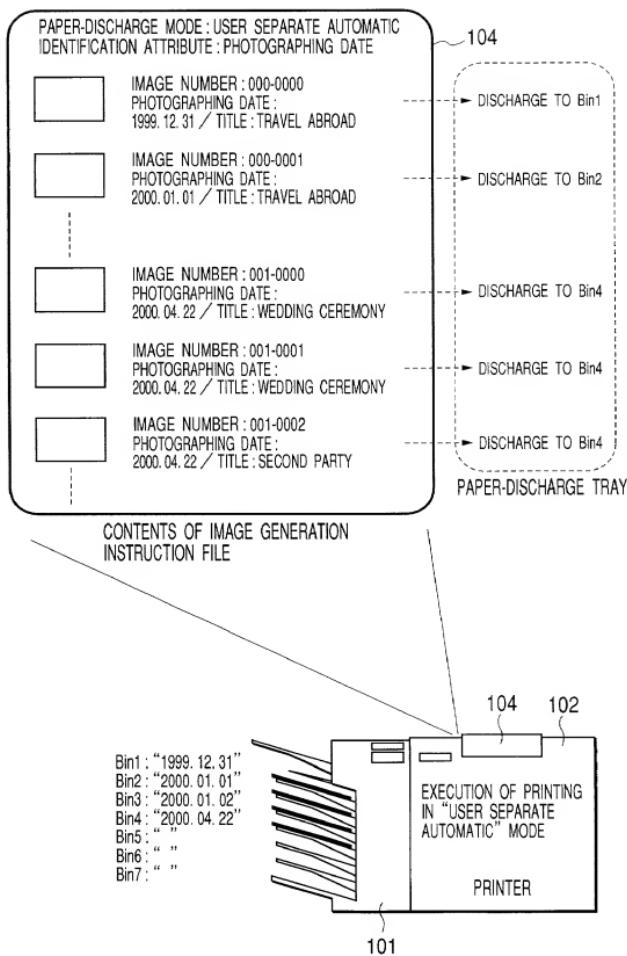


FIG. 43



T002270 : 962828660

FIG. 44

T002420 \* 2005080660

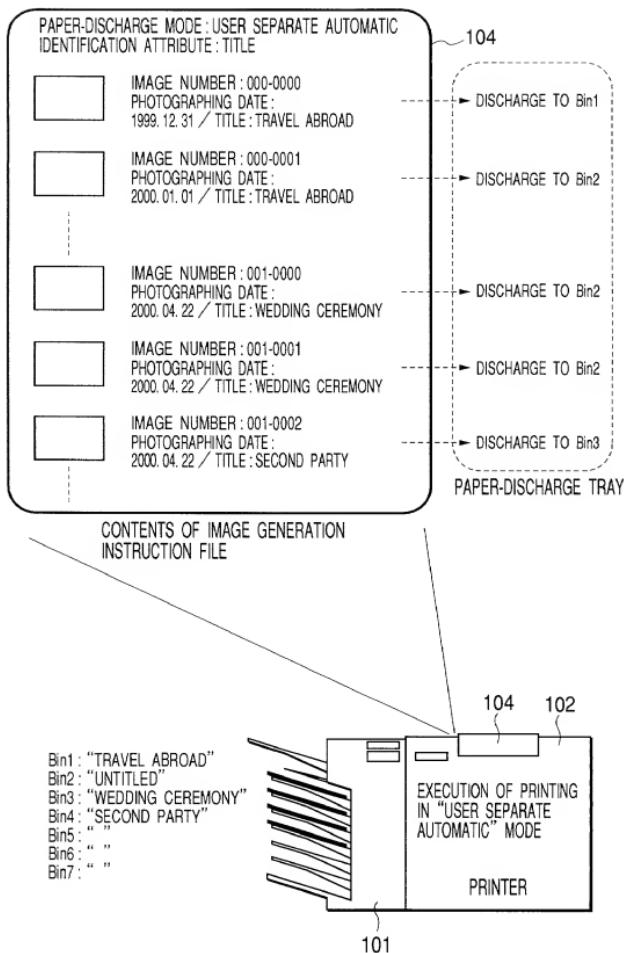
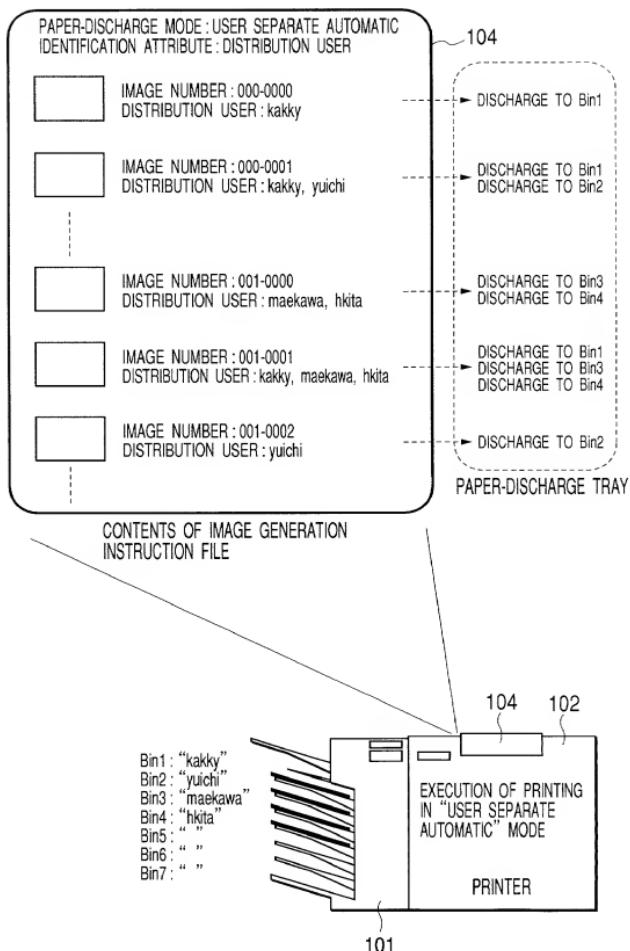


FIG. 45



*FIG. 46*

104

PRINTING INSTRUCTION

IMAGE DESIGNATION: INDEX+ ALL IMAGES ▼

MEDIA : SORT METHOD :

PLAIN PAPER	▲
POSTCARD	
PHOTOGRAPH	▼
GLOSSY PAPER	
OHP SHEET	

OWNER	▲
DATE	▼
TITLE	
DISTRIBUTION USER	
DIRECTORY	

IS IT OK TO START PRINTING IN THE ABOVE SETTING ?

OK CANCEL

FIG. 47

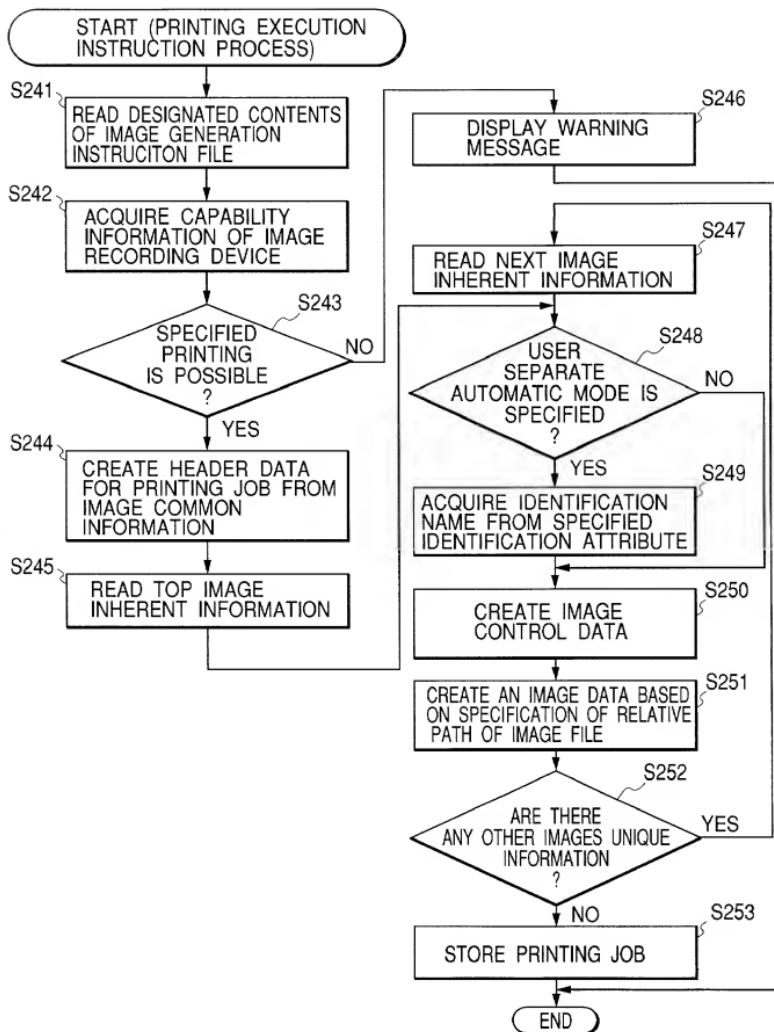
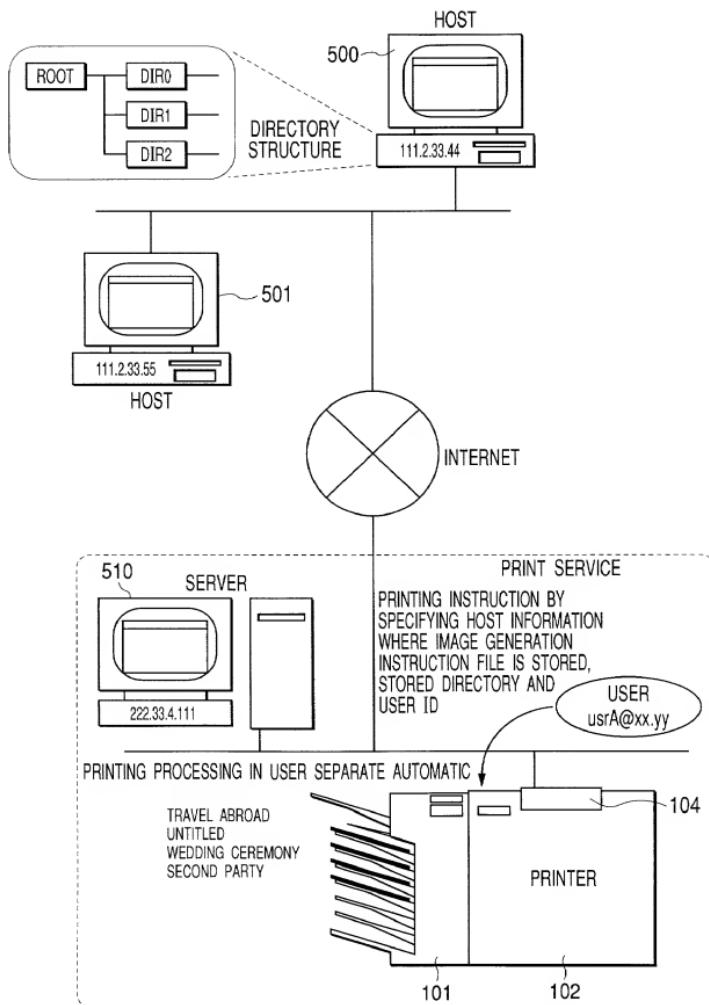


FIG. 48



T002240 \* 30380660

FIG. 49

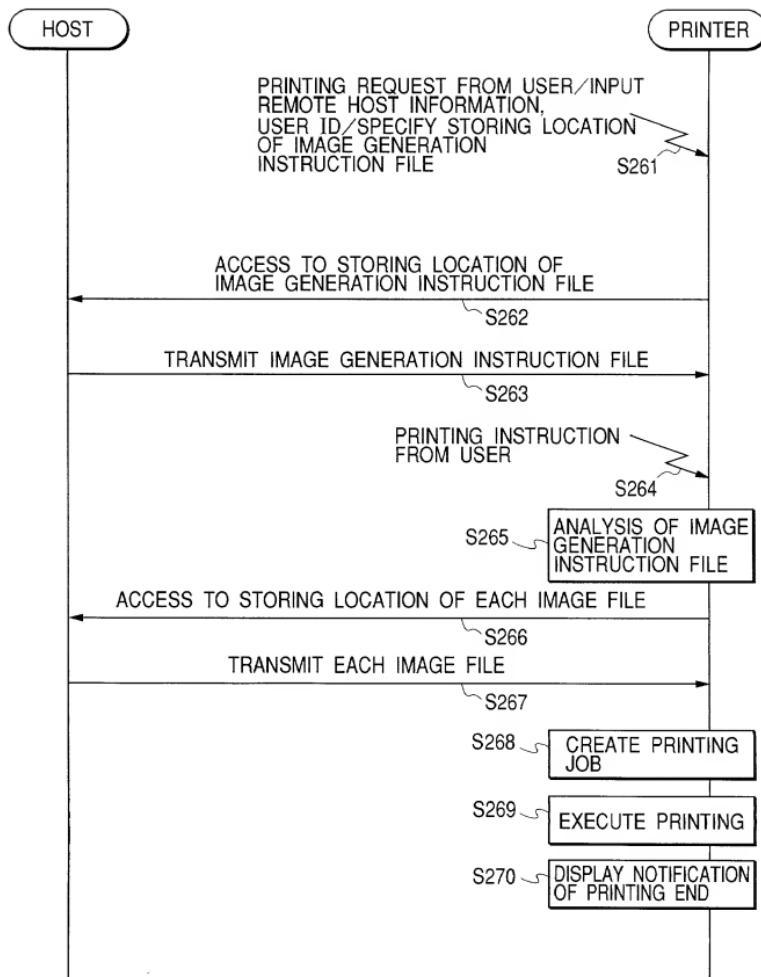


FIG. 50

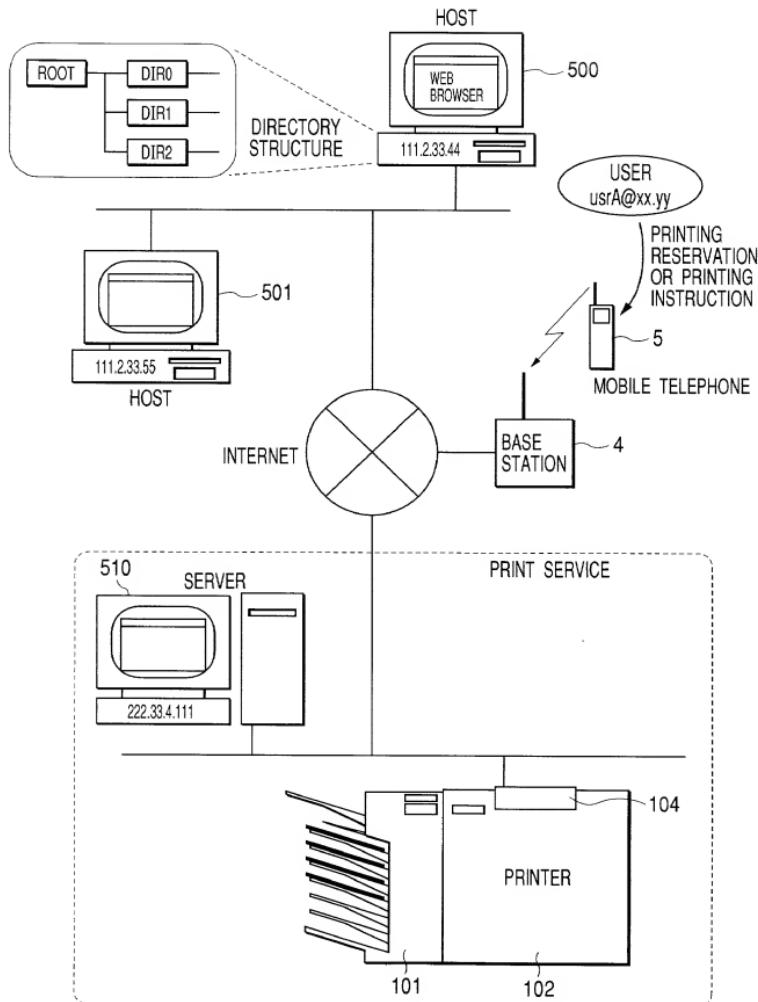


FIG. 51

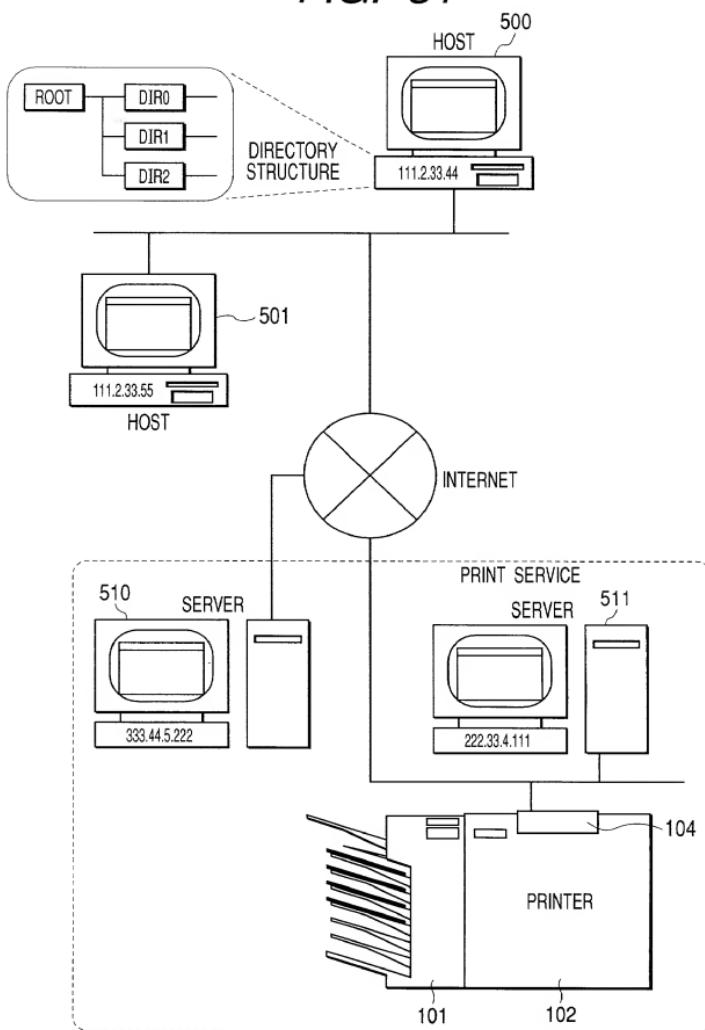
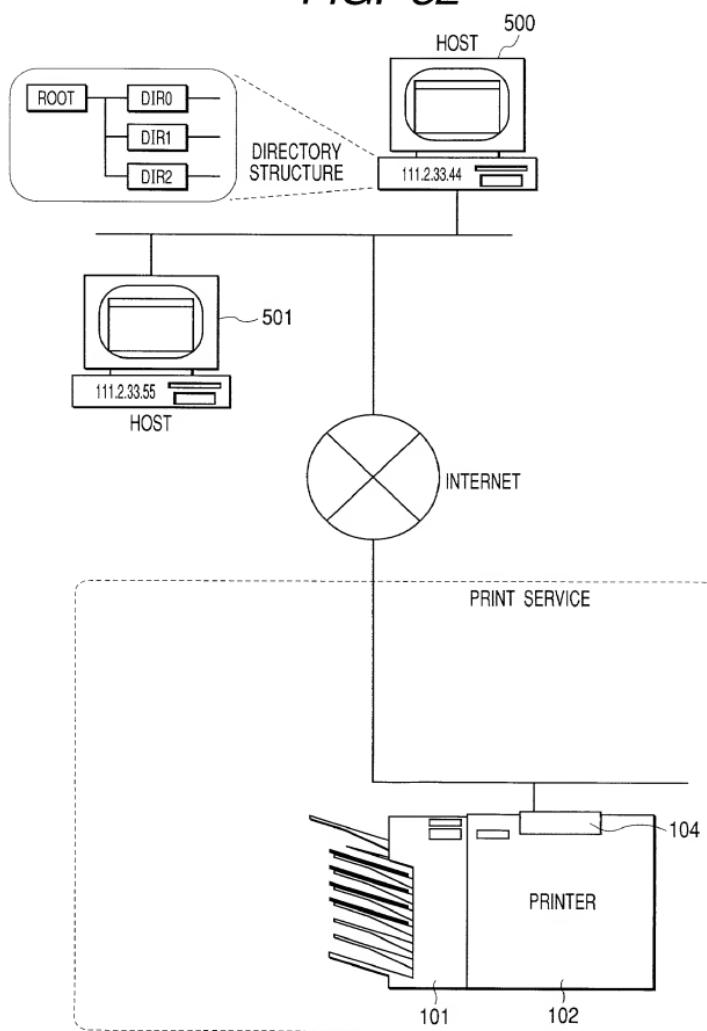


FIG. 52



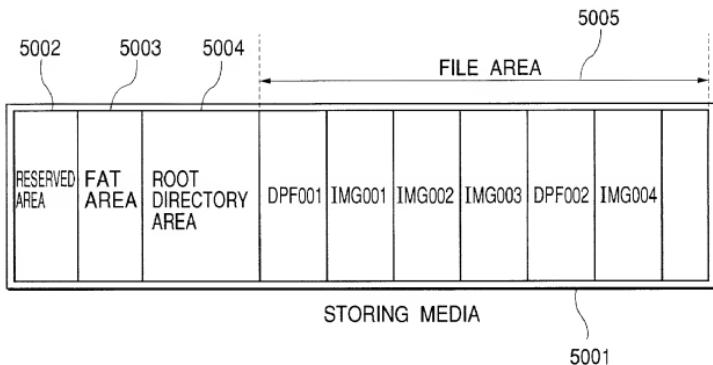
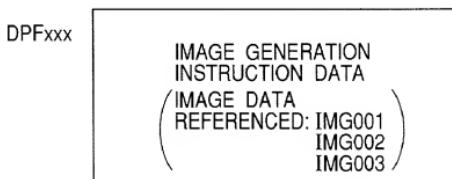
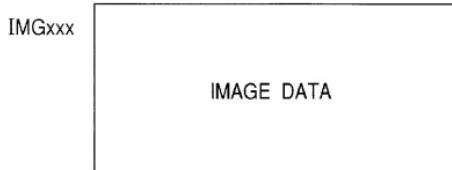
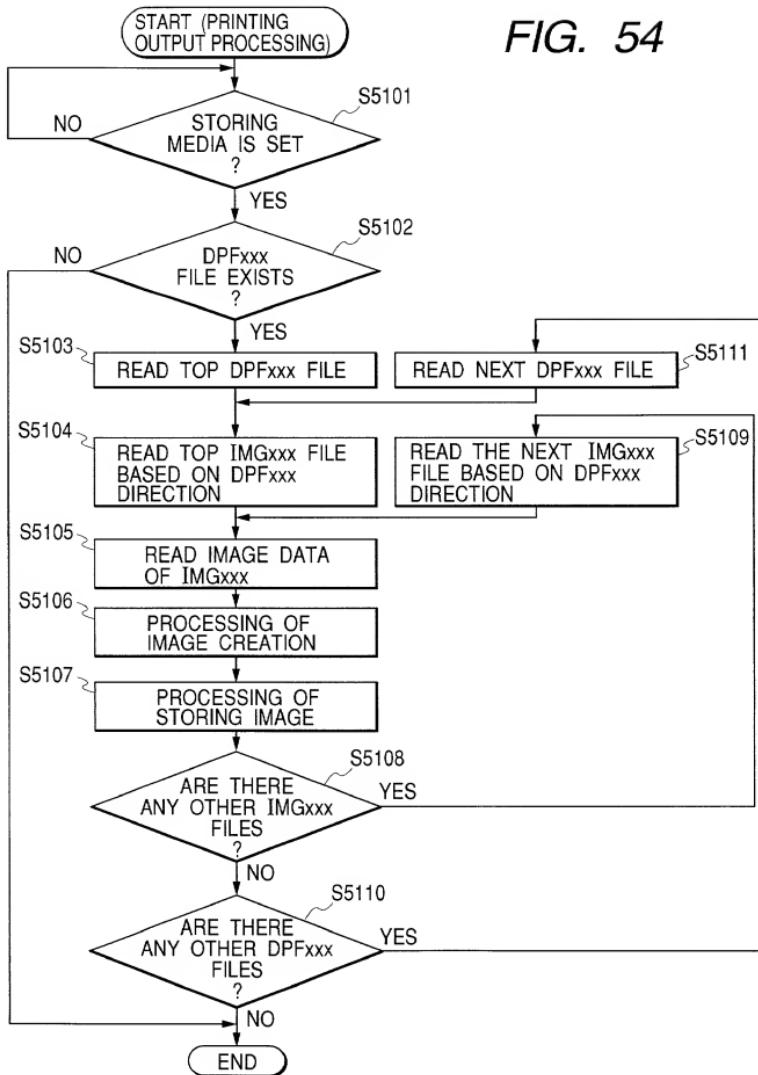
***FIG. 53A******FIG. 53B******FIG. 53C***

FIG. 54



TOP SECRET//COMINT